

Masao Katayama

List of Publications by Year in descending order

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5
papers

121
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

223
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Transparent Ta ₃ N ₅ Photoanodes for Efficient Oxygen Evolution toward the Development of Tandem Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2300-2304. | 13.8 | 75 |
| 2 | Investigation on nitridation processes of Sr ₂ Nb ₂ O ₇ and SrNbO ₃ to SrNbO ₂ N for photoelectrochemical water splitting. <i>Scientific Reports</i> , 2018, 8, 15849. | 3.3 | 21 |
| 3 | Distinguishing the effects of altered morphology and size on the visible light-induced water oxidation activity and photoelectrochemical performance of BaTaO ₂ N crystal structures. <i>Faraday Discussions</i> , 2019, 215, 227-241. | 3.2 | 14 |
| 4 | ZnTe-based photocathode for hydrogen evolution from water under sunlight. <i>APL Materials</i> , 2020, 8, 041101. | 5.1 | 6 |
| 5 | Impact of lattice defects on water oxidation properties in SnNb ₂ O ₆ photoanode prepared by pulsed-laser deposition method. <i>Journal of Applied Physics</i> , 2019, 126, . | 2.5 | 5 |